

inquiry into the natural laws lying at the basis of musical sounds. Prof. Helmholtz permitted me to take part in his investigations, and at his kind suggestion I attempted by myself, by means of the laryngoscope, to observe the physiological processes that go on in the larynx during the production of different tones. My special thanks are due to him that now, with a more thorough knowledge of the human voice, I can give instruction in singing without the fear of doing any injury.'"

Mr. Rosengarten presented to the Society the laryngoscope used by Mrs. Seiler, *which was stated to be the first ever used in America*. At the conclusion of the memoir, the President invited those present to a light collation that had been prepared.

And the Society was adjourned by the President.

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*Stated Meeting, December 4, 1891.*

Present, 11 members.

Mr. RICHARD VAUX in the Chair.

Correspondence was submitted as follows:

A letter of acceptance of membership from Prof. George Forbes, London, November 1, 1891.

A letter from the Coast and Geodetic Survey Office, Washington, D. C., asking for exchanges, which request was granted.

The following were ordered to be placed on the Proceedings Exchange List:

Massachusetts Agricultural College, Amherst, Mass.; Agricultural Experiment Station, New Haven, Conn.; Agricultural Experiment Station, Lincoln, Neb.; Agricultural Experiment Station, College Park, Md.; Agricultural Experiment Station, Raleigh, N. C.; Agricultural Experiment Station, Auburn, Ala.; Agricultural Experiment Station, Starkville, Miss.; Agricultural Experiment Station, Fayetteville, Ark.; Agricultural Experiment Station, Laramie, Wyo.; Agricultural Experiment Station, Providence, R. I.; Agricultural Experiment Station, Tucson, Ariz.; Agricultural Experiment Sta-

tion, Experiment, Ga.; Agricultural Experiment Station, Ames, Iowa; Agricultural Experiment Station, Fort Collins, Colo.; Agricultural Experiment Station, Auburn, Ala.; Agricultural Experiment Station, Brockings, S. Dak.; Agricultural Experiment Station, Corvallis, Oreg.; Botanische Verein, Provinz Brandenburg, Berlin, Prussia; Bowdoin College Library, Brunswick, Me.; Library of the University of Lyons, France; Museo Oaxaqueño, Oaxaca, Mexico; American Museum Natural History, New York City, N. Y.; New Jersey Natural History Society, Trenton, N. J.

A circular from the American Chemical Society, New York, announcing a meeting to be held in New York city on December 29 and 30, 1891.

Letters of envoy were received from the Geological Survey of India, Calcutta; Académie des Sciences, Amsterdam; Observatorium der K. K. Nautischen Akademie, Triest; Society of Natural Sciences, Buffalo; Secretary of State, Washington, D. C.

Letters of acknowledgment were received from the Comité Géologique de la Russie, Imperial Russian Geographical Society, St. Petersburg (135); Prof. A. E. Nordenskiöld, Stockholm (134, 135); R. Danish Geographical Society, Copenhagen (135); Musée Royale d'Histoire Naturelle de Belgique, Bruxelles (129-134); Académie R. des Sciences, Amsterdam (131-134 and Transactions, xvi, 3); K. K. Militär-Geographische Institut, Wien (131-134); K. K. Sternwarte (135); K. K. Astron. Meteorolog. Observatorium, Triest (131-133, 135); Naturforschende Gesellschaft des Osterlandes, Allenburg (135); Prof. F. Reuleaux, Berlin (134); Naturwissenschaftliche Verein, Bremen (135); K. Sächsisches Meteorologisches Institut, Chemnitz (135); Verein für Erdkunde, Dresden (135); Naturforschende Gesellschaft, Freiburg i. B. (135); Naturhistorische Gesellschaft, Hanover (135); Verein für Thüringische Geschichte und Altertumskunde, Jena (135); Dr. Julius Platzmann, Leipzig (135); R. Accademia di Scienze Lettere ed Arti, Modena (135); R. Comitato Geologico d'Italia, Prof.

Giuseppe Sergi, Rome (135); Prof. Gaston Maspero, Paris (135); Société des Sciences Naturelles et Archéologiques de la Creuse, Guéret, France (134); Prof. E. Mascart, Bureau Central Météorologique de France (135); Sir Henry W. Acland, Oxford, Eng. (135); Prof. J. P. Postgate, Cambridge, Eng. (135); Department of Science and Art, Royal Astronomical Society (135), Mr. Charles Leland, London (134, 135); Royal Dublin Society (135); Royal Society of Edinburgh, Royal Observatory, Mr. James Geikie, Edinburgh (135); Vermont Historical Society, Montpelier (134); Prof. Elihu Thomson, Swampscott, Mass. (135); Prof. James Hall, Albany, N. Y. (134); Rochester Academy of Science (135); Mr. Henry Carey Baird, Philadelphia (131-135); Wyoming Historical and Geological Society, Wilkes-Barré (135); California Academy of Sciences, San Francisco (131-135).

Accessions to the Library were announced from the Naturforscher Verein, Riga, Russia; K. K. Sternwarte, Prag; Osservatorio Marittimo, Trieste; Bayerische Botanische Gesellschaft, München; Société Neuchateloise de Géographie, Neuchatel; Direzione Generale della Statistica, Prof. Giuseppe Sergi, Rome; Prof. Paul Topinard, Paris; R. Academia de la Historia, Madrid; Philosophical Society, Cambridge, Eng.; Geological Society, Mr. Henry Wilde, London; Hon. George E. Foster, Halifax, N. S.; American Oriental Society, New Haven; Wesleyan University, Middletown, Conn.; Buffalo Society of Natural Sciences; College of Pharmacy, Philadelphia; U. S. Bureau of Education, Smithsonian Institution, Washington, D. C.; Historical Society, Mr. C. S. Wake, Chicago; California Academy of Sciences, San Francisco; Geological Survey of Arkansas, Little Rock; Observatorio Astronomico Nacional de Tacubaya, Mexico.

A photograph for the Society's Album was received from Mr. Samuel Wagner.

The decease of the following members was announced:

J. H. B. Latrobe, Baltimore, August, 1891.

Dr. D. Humphreys Storer, Boston, September 10, 1891, æt. 87.

Moncure Robinson, Philadelphia, November 10, 1891, æt. 89.  
 Rev. Thomas Hill, Portland, Me., November 21, 1891, æt. 73.

The Curators presented the following report:

HALL OF THE  
 AMERICAN PHILOSOPHICAL SOCIETY,  
 104 SOUTH FIFTH STREET.  
 PHILADELPHIA, November 28, 1891.

The Curators, having fully considered the matter of the Peale Stone Age Collection now on deposit at the Academy of Natural Sciences, and all the facts relating thereto, as requested by resolution of November 6, are of opinion that a resolution should be passed requesting the return of said deposit to the custody of the Society in accordance with the terms of the bequest of the late Mrs. Peale.

PATTERSON I U BOIS.  
 J. CHESTON MORRIS.  
 R. MEADE BACHE.

On motion, the Society

*Resolved*, That the return of the Peale Stone Age Collection from its temporary place of deposit, the Academy of Natural Sciences, be now requested.

The Annual Report of the Treasurer was presented and referred to the Committee on Finance.

Mr. Price moved that the consideration of the report from Dr. Cope's Committee be deferred until the next stated meeting.

Dr. Cope read the report.

The subject was discussed and Mr. Price's motion was then carried.

On motion of Dr. Hayes, it was

*Resolved*, That the Secretaries present at the next meeting a report in writing of the cost of issuing the Proceedings quarterly and of such extra number not including the text and report a form to meet postal laws.

And the Society was adjourned by the presiding member.